
**TRANSMITTAL
FORM**
ALL FEE
(Not to be used for all correspondence after initial filing)

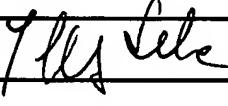
Total Number of Pages In This Submission

Application Number	10/054,194
Filing Date	November 13, 2001
First Named Inventor	Engeler, Christian
Art Unit	1764
Examiner Name	Alexa A. Doroshenk
Attorney Docket Number	015258-055600US

ENCLOSURES (Check all that apply)

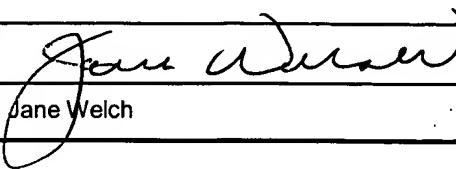
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (with Substitute Specification and Comparison Copy)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

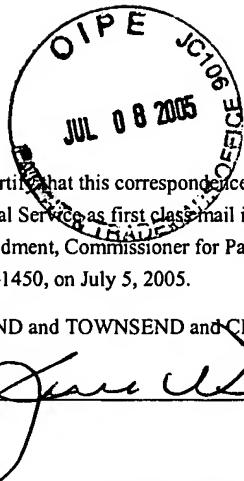
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	J. Georg Seka		
Date	July 5, 2005	Reg. No.	24,491

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	
Typed or printed name	Jane Welch
Date	July 5, 2005



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 5, 2005.

TOWNSEND and TOWNSEND and CREW LLP

By: Jane A. DeLoach

PATENT

Attorney Docket No. 15258-556
Client Ref. No. P.7067

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CHRISTIAN ENGELER, ET AL.

Application No. 10/054,194

Filed: November 13, 2001

For: COLUMN FOR CARRYING OUT
AN ISOTOPE EXCHANGE BETWEEN
A LIQUID SUBSTANCE AND A
GASEOUS SUBSTANCE

Customer No. 20350

Confirmation No. 4424

Examiner: Alexa A. Doroshenk

Technology Center/Art Unit: 1764

AMENDMENT

San Francisco, CA 94111
July 5, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As a precautionary measure, applicants request an extension of time, if needed and if not separately attached hereto, and authorize the Commissioner to charge the fee therefor to our deposit account in accordance with our standing authorization for such charges.

In response to the Office Action dated April 5, 2005, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 7 of this paper.